

EN

PRODUCT CATALOG

BIKE COMPUTERS / LIGHTING SYSTEMS / SPORT WATCHES

2013/14



 **SIGMA**[®]
GERMANY

www.sigmasport.com



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AWARD-WINNING EXCELLENCE!

Since 1997



MIRAGE EVO



Awards



BC 1606L DTS



PC 15



08/2006



BC 2209 TARGA



10/2010



03/2012



07/2012



Since 1998



PC 6



SIGMA SPORT launched its first bike computer more than 30 years ago. Today's models have little in common with these forerunner models for recording speed and distance, except of course the ingeniously simple basic idea: data is measured using a magnet and its counterpart, the transmitter, plus the number of wheel rotations.

It was only logical to expand the initial range of electronic products to include further ones. SIGMA SPORT has been producing battery-operated lights since 1997 and heart rate monitors since 1998. The world of exercise is more fun with SIGMA.

This is confirmed time and time again by both consumers and experts. For many years, Germany's road and mountain bikers have named SIGMA SPORT as number one in the bike computer category in reader surveys in leading

bike magazines. Whether in Mountain-BIKE, RoadBIKE, BIKE or TOUR, most respondents of the major reader surveys agree that SIGMA SPORT is the best bike computer without GPS and the best bike computer accessory brand.

SIGMA SPORT products also regularly receive 'test winner' awards. Examples include the **BC 1606L DTS** in Mountain-BIKE in June 2006, the **PC 15** in Fit For Fun in August 2006, and one of SIGMA SPORT's most award-winning products, the **BC 2209 MHR / TARGA**, named test winner by MountainBIKE (3/10, 8/11, 7/12), BIKE (8/10), Rennrad (4/12), Aktiv Radfahren (3/12), and CYCLING PLUS (UK) (8/11).

The aim and daily challenge of our work is to provide quality products and achieve customer satisfaction. We want to further extend our list of awards with our new products.



QUALITY AND SERVICE

For us, certified diligence and the friendly and professional handling of customer inquiries at all times are simply a matter of course and guarantee the ever-growing success of the global sports electronics company SIGMA SPORT.

The development of a new product takes several years and involves many hours of testing with different test scenarios.

Whether in the laboratory with incessant rain, through the use of cold shocks or constant vibrations, or in practical tests attached to the product manager and SIGMA employees' bikes or arms. Mass production only begins once all the tests have been passed.

The products are all tested at random, packaged by hand, and shipped to customers all around the world. Customer questions can be answered by a highly skilled service team, which can also quickly involve the responsible product manager if necessary thanks to the short lines of communication at SIGMA.

Service also means being prepared for almost all the questions in our 'frequently asked questions', configuring our devices in as user-friendly a manner as possible, and providing users and retailers with further support by means of videos and the SIGMA YouTube channel.



SPONSORED BY SIGMA

TOPLINE 2012 HIGHLIGHTS



Attachments

- Attachments for speed and cadence sensors
- Soft, flexible and durable
- Adjusts to the shape and size of all front-wheel forks and rear-wheel struts
- Can be attached using an O-ring and a cable tie



Altitude measurement

- Altitude measurement in a basic device
- Barometric altitude measurement
- Five altitude measurement functions
- Easy-to-configure start altitude



Full text display

- All functions are displayed in the full text and can be recognized at a glance
- Self-explanatory functions
- Better readability thanks to larger typeface
- Display in seven languages



One docking station

- One docking station for all Topline models*
- The docking station has two docks and can be rotated
- Reduction of the product range (Ref. No. 00120)

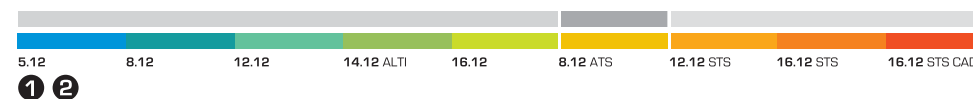


Easy to use

- Models BC 12.12 to BC 16.12 with forward/backward function using both bottom buttons. Easy to change to different values



WIRED



Color coding

- Color coding on the packaging for every TOPLINE 2012 model 1
- Color family determined by the transmission mode wired or wireless 2
- Number of functions visible at a glance 3

* Also applies to Topline 2009

TOPLINE 2012

SIGMA BIKE COMPUTERS



BC 5.12

FEATURES

General functions

- Full text display with seven available languages
- Scan mode on/off
- Automatic start / stop
- Watertight
- Tool free install
- UFSB-compatible
- Service interval programmable via UFSB

Bike functions

- Current speed
- Trip distance
- Total distance

Time functions

- Trip time
- Clock

WIRED

+ SPEED

PG+MAC READY



Ref. No. 05120

FUNCTIONS

FULL TEXT DISPLAY

The classic odometer for all. Quick to attach, simple to set, easy to understand thanks to the full text display, and simple to operate at the push of a button. Three bike functions and two time functions packed into an attractive, modern design.



Optimized operating concept
Easy to set the computer and change the function display



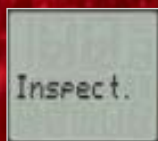
Autoscan on/off
Automatic run through the functions. Mode can only be switched on and off in the settings menu



FUNCTIONS

AVERAGE SPEED

A wired or wireless beginner model with comprehensive bike functions. Further to the current speed, the trip distance, and the total distance, the BC 8.12 / ATS also displays the maximum and average speeds.



Service interval

The number of kilometers until the next service inspection can be programmed by means of the UFSB



Average speed

Provides information about the average speed during the trip



BC 8.12 / **ATS**

FEATURES

General functions

- Full text display with seven available languages
- Automatic start / stop
- Watertight
- Tool free install
- UFSB-compatible
- Service interval programmable via UFSB

Bike functions

- Current speed
- Average speed
- Maximum speed
- Trip distance
- Total distance*

Time functions

- Trip time
- Total trip time*
- Clock

* Not shown while riding

ATS
WIRELESS

+ SPEED

PC+MAC READY

WIRED

+ SPEED

PC+MAC READY



Ref. No. 08130



Ref. No. 08120

BC 8.12 ATS

The complete package includes:
Speed transmitter

FUEL SAVING

The modern bike computer with 12 functions for all everyday cyclists. Every kilometer cycled is converted into fuel saved. Comprehensive general, bike, time, and temperature functions round off this marvelous piece of equipment.

FUNCTIONS



Integrated storage chip

Settings and total values are saved during a battery change



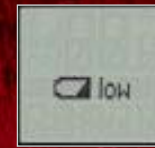
Fuel saving

Displays how many liters of fuel your own car would have consumed over the same distance



Temperature

Current temperature can be read from the display



Battery status

Timely battery change reminder

BC 12.12 / STS

FEATURES

General functions

- Full text display with seven available languages
- Backup function (storage chip)
- Low battery indicator (receiver/transmitter)
- Automatic start / stop
- Watertight
- Tool free install
- UFSB-compatible
- Service interval programmable via UFSB

Bike functions

- Current speed
- Average speed
- Current/Average speed comparison
- Maximum speed
- Trip distance
- Total distance*
- Separate trip section counter with manual stop/start

Time functions

- Trip time
- Total ride time*
- Separate time section counter with manual stop/start
- Clock

Fuel consumption functions

- Trip fuel saving
- Total fuel saving*

Temperature function

- Current temperature

* Not shown while riding

STS
WIRELESS

+ SPEED

PG+MAC READY

WIRED

+ SPEED

PG+MAC READY



Ref. No. 02130



Ref. No. 02120



BC 12.12 STS

The complete package includes:
Speed transmitter

ALTITUDE

The basic model in the SIGMA SPORT Topline range now comes with five altitude measurement functions. A must-have for anyone who wants to reach great heights while keeping an eye on the classic bike functions.



Start altitude
Defined, fixed start altitude programmable and easy to view



Trip altitude
Indicates the altitude difference covered during a trip



Light
Backlit display. Once activated, can be switched on at the push of a button for optimum legibility – even after nightfall

FUNCTIONS

BC 14.12 ALTI

WIRED

+ SPEED

+ ALTITUDE

PG+MAC^{READY}



Ref. No. 04150



FEATURES

General functions

- Full text display with seven available languages
- Backup function (storage chip)
- Low battery indicator
- Backlight
- Automatic start / stop
- Watertight
- Tool free install
- UFSB-compatible
- Service interval programmable via UFSB

Bike functions

- Current speed
- Average speed
- Current / Average speed comparison
- Maximum speed
- Trip distance
- Total distance*

Time functions

- Trip time
- Total trip time*
- Clock

Altitude measurement functions

- Current altitude
- Start altitude
- Day's climb uphill
- Day's maximum altitude
- Total altitude uphill*

Temperature function

- Current temperature

* Not shown while riding

SPEED+ CADENCE

The professional among the Topline 2012 range. Whether with one bike or two, the BC 16.12 has comprehensive bike and time functions and offers the option of cadence measurement.

FUNCTIONS



Bike 2 detection

Two configurable wheel sizes that are automatically detected



Stopwatch

Manual time measurement possible irrespective of the total ride time



Countdown timer

Definition of individual time periods that can be used for interval training



Trip section kilometers and time with manual start/stop

Trip sections of a tour can be individually manually stopped

BC 16.12 / STS / CAD

FEATURES

General functions

- Full text display with seven available languages
- 2 adjustable wheel sizes
- Automatic recognition of second bike
- Backup function (storage chip)
- Low battery indicator, receiver / transmitter
- Backlight
- Automatic start / stop
- Watertight
- Tool free install
- UFSB-compatible
- Service interval programmable via UFSB

Bike functions

- Current speed
- Average speed
- Current/Average speed comparison
- Maximum speed
- Trip distance
- Total distance bike 1 / 2 / 1+2*
- Separate trip section counter with manual stop/start

Time functions

- Trip time
- Total trip time bike 1 / 2 / 1+2*
- Separate time section counter with manual stop/start
- Clock
- Countdown timer
- Stopwatch

Cadence functions

- Current cadence (optional BC 16.12 / STS)
- Average cadence (optional BC 16.12 / STS)

Temperature function

- Current temperature

* Not shown while riding

STS
WIRELESS

+ SPEED

+ CADENCE

PC+MAG



Ref. No. 06131



BC 16.12 STS CAD

The complete package includes:

Speed transmitter, Cadence transmitter

STS
WIRELESS

+ SPEED

+ CADENCE **

PC+MAG



Ref. No. 06130

WIRED

+ SPEED

+ CADENCE **

PC+MAG



Ref. No. 06120

BC 16.12 STS

The complete package includes:

Speed transmitter

** optional



FUN TRAINING ANALYSIS

WELCOME TO THE FUTURE

The SIGMA DATA Center 3 is the logical further development of the successful software for evaluating training data and statistics from SIGMA BIKE computers and sports watches. The enhanced version now comes with a dashboard, which makes it clearer and simpler to operate, and displays the training sessions irrespective of the device.

DASHBOARD



New dashboard with an overview of the connected device, the last training sessions, and an extract from statistics. This keeps users up to date with both their current training status and the status of their device. It also enables them to import missing training sessions and directly access their most recent training sessions.

MULTI-DEVICE TOTALS



The multi-device totals can now be loaded, edited, completely reset to zero, and transferred to the device in this view. This makes it easier to use the totals and prevents users from having to go into the device settings.

STATISTICS



	BC 5.12	BC 8.12	BC 12.12	BC 14.12 ALTI	BC 16.12	BC 8.12 ATS	BC 12.12 STS	BC 16.12 STS CAD
Bike functions								
- Current speed								
- Average speed								
- Maximum speed								
- Current/Average speed comparison								
- Trip distance								
- Trip time								
- Separate trip and time section counter with manual stop/start								
Cadence functions								
- Current cadence			opt.			opt.		
- Average cadence			opt.			opt.		
Time functions								
- Time (12 / 24 h)								
- Stopwatch								
- Countdown Timer								
- Separate time section counter with manual stop/start								

	BC 5.12	BC 8.12	BC 12.12	BC 14.12 ALTI	BC 16.12	BC 8.12 ATS	BC 12.12 STS	BC 16.12 STS CAD
Fuel consumption functions								
- Trip fuel saving in liters								
- Total fuel saving in liters								
Altitude measurement functions								
- Current altitude								
- Day's climb uphill								
- Day's maximum altitude								
- Calibration via current altitude								
- Calibration via home altitude								
- Programmable home altitude								
Total values								
- Total distance								
- Total distance bike 1/bike 2/bike 1+2								
- Total ride time								
- Total ride time bike 1/bike 2/bike 1+2								
- Total altitude difference uphill								
Temperature functions								
- Current temperature								

	BC 5.12	BC 8.12	BC 12.12	BC 14.12 ALTI	BC 16.12	BC 8.12 ATS	BC 12.12 STS	BC 16.12 STS CAD
PC interface/Memory functions								
- PC Interface	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.
- Docking Station	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.
- Transfer by UFSB	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.
- Transferring the settings to the bike computer	opt.	opt.	opt.	opt.	opt.	opt.	opt.	opt.
General functions								
- Service interval								
- Available languages (number)	7	7	7	7	7	7	7	7
- 2 adjustable wheel sizes								
- Automatic recognition of bike 2								
- Automatic start/stop								
- Backlight								
- Low battery indicator (receiver)								
- Low battery indicator (transmitter)								
- Adjustable contrast								
- Switch between kmh/mph mode								
- Scan mode can be switched on/off								
- UFSB-compatible								

SERVICE TOOLS



Ref. No. 00110

COMPUTER DIAGNOSTIC CENTER

Fast Diagnosis for Superior Customer Service

With the SIGMA Computer Diagnostic Center you can immediately diagnose and resolve the most common bike computer issues. Eliminate the guess work and quickly and easily determine if there is a problem to be corrected.

- Computer function test
- Computer-mount function test
- Transmitter-function test
- Incl. 9 V battery
- Compatible with bike computers beginning with the TOPLINE 1995
- Battery check – CR 2032 and CR 2450



Ref. No. 00229

DEMOBOX

Interactive Sales Tool

The Demobox is a powerful sales tool that provides customers the opportunity to physically touch and try out the SIGMA TOPLINE computers. This fun and interactive P.O.P. gives an overview of each computer's features allowing the consumer to make an informed purchase decision.

- No assembly required
- Computers included
- 228 x 230 x 354 mm

UFSB

COMPUTER PROGRAMMING IN SECONDS



Ref. No. 00104

With the third generation FAST SETTING BOX, you can program the bike computer quickly and easily and now also simulate speed, cadence and heart rate. Exclusively for the TOPLINE 2009/2012 series: By storing a certain number of kilometers, the service interval function can be activated for an on screen reminder for the rider to visit their local shop for inspection and service.

Customer loyalty is therefore pre-programmed. Equipped with a USB port for future software updates.

www.ufsb.sigasport.com

FEATURES

- Compatible with all bike computer models from TOPLINE 2006, 2009 and 2012 (wired and wireless), all ROX models with the exception of the ROX 10.0 GPS, heart rate monitors, and running watches (ONYX series, PC 25.10, PC 22.13, and RC)
- Programs all computer settings, total values and optional service interval
- Equipped with USB port for future software updates
- Automatic recognition of TOPLINE 2009/2012 and ROX models (auto detect)
- Simulator for speed, cadence and heart rate
- Incl. 2 x AA batteries
- Compact size: 160 x 100 x 40 mm
- Simple to operate:
Integrated clock and date, one-time altitude setting with automatic calibration of any BC 2209 / BC 14.12 ALTI/ ROX computer, subsequent change of individual parameters, e.g. wheel size or time

00104

UNIVERSAL FAST
SETTING BOX
incl. 2 AA Batteries

**00110**

COMPUTER DIAGNOSTIC
CENTER
incl. 9 V Block Battery

**00229**

DEMOBOX
TOPLINE 2012
Equipped
Incl. function overview

**00342**

LITHIUM BATTERIE
CR 2032
For BC 5.12/8.12/8.12 ATS/12.12/
12.12 STS/14.12/16.12/16.12 STS,
all chest belt and transmitter

**00349**

LITHIUM BATTERIE
CR 2032
10 per Blister
For BC 5.12/8.12/8.12 ATS/12.12/
12.12 STS/14.12/16.12/16.12 STS,
all chest belt and transmitter

**00120**

DOCKING STATION
TOPLINE 2012
For all TOPLINE 2009/2012
bike computers

**00390**

MAGNET KIT
Magnet and sleeve

**00424**

CABLE FOR UNIVERSAL
BRACKET
Only for the universal bracket
Ref. No. 00426/00428

**00426**

UNIVERSAL BRACKET
2032
Without cable

**00428**

UNIVERSAL BRACKET
2032
With cable

**00430**

TOOL-FREE
POWER MAGNET 2009

**00120**

DOCKING STATION
TOPLINE 2012
For all TOPLINE 2009/2012
bike computers

**00390**

MAGNET KIT
Magnet and sleeve

**00414**

CADENCE
POWER MAGNET

**00424**

CABLE FOR UNIVERSAL
BRACKET
Only for the universal bracket
Ref. No. 00426/00428

**00425**

CADENCE SENSOR KIT
UNIVERSAL BRACKET
Only for the universal bracket
Ref. No. 00426/00428

**00426**

UNIVERSAL BRACKET
2032
Without cable

**00428**

UNIVERSAL BRACKET
2032
With cable

**00430**

TOOL-FREE
POWER MAGNET 2009

**00120**

DOCKING STATION
TOPLINE 2012
For all TOPLINE 2009/2012
bike computers

**00390**

MAGNET KIT
Magnet and sleeve

**00430**

TOOL-FREE
POWER MAGNET 2009

**00408**

ATS/STS BRACKET
2032

**00445**

ATS SPEED TRANSMITTER
for BC 8.12 ATS

**00120**

DOCKING STATION
TOPLINE 2012
For all TOPLINE 2009/2012
bike computers

**00390**

MAGNET KIT
Magnet and sleeve

**00430**

TOOL-FREE
POWER MAGNET 2009

**00439**

STS SPEED
TRANSMITTER

**00408**

ATS/STS BRACKET
2032



00120

DOCKING STATION TOPLINE 2012

For all TOPLINE 2009/2012
bike computers



00390

MAGNET KIT

Magnet and sleeve



00414

CADENCE POWER MAGNET



00430

TOOL-FREE POWER MAGNET 2009



00439

STS SPEED TRANSMITTER



00440

STS SPEED TRANSMITTER COMPLETE KIT

For 2nd bike



00441

STS CADENCE TRANSMITTER



00442

STS CADENCE TRANSMITTER

Complete kit



00443

STS BIKE 2 COMPLETE KIT

To retrofit the 2nd bike



00408

ATS/STS BRACKET 2032



20520

CADENCE MAGNET PEDAL INSERT



ACCESSORIES

LIGHTING SYSTEMS



A SYMBIOSIS OF DESIGN AND FUNCTION

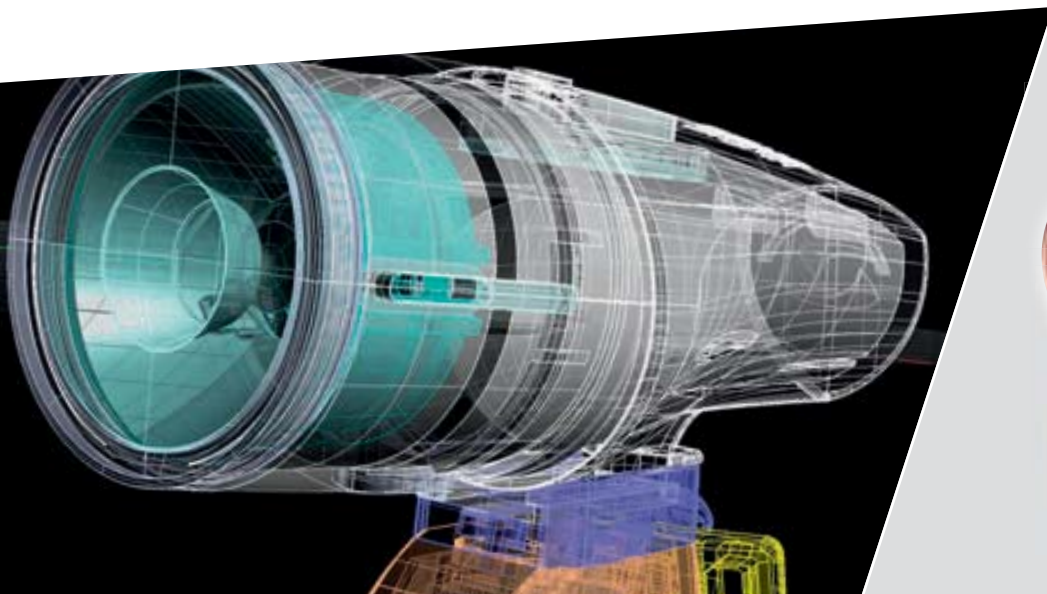
From a design perspective, the product development of lights poses a particular challenge.

The light's lighting pattern is decisive in all development stages from the idea to the design to the production. The legal provisions that must be observed (German Road Traffic Licensing Regulations - StVZO) are also another important part of the development process.

LED technology sets the standard today and is developing at rapid speed. Every product design therefore starts with intensive research into the latest LEDs and optics. Once the technical configurations have been defined, the design is optimally aligned to these. If, for example, high power LEDs need good heat dissipation, aluminum is used as a visible component in the housing, as in our POWERLED EVO. The high

quality of the product is therefore presented at a decisive point.

The result is always SIGMA SPORT lighting technology: The fusion of what is currently technically feasible with premium quality and great usability.



HIGHLIGHTS/TECHNOLOGY

USB charging function

Front and rear lights can be simply re-charged in any location thanks to the supplied USB cable. Whether in the office, on the PC, out and about or at home using a USB charger



Universal USB charging adapter **IICON** turns the SIGMA **IION** and **IION XL** into independent energy sources for USB-chargeable devices, which can be used anywhere



Brackets

Helmet bracket for KARMA EVO and POWERLED EVO

Simple and reliable attachment to all helmets: with a narrow bridge, wide ventilation holes, and diverse designs¹. Improved positioning makes it possible to attach the lights even closer against the helmet²



Handlebar bracket for KARMA EVO and POWERLED EVO

Wide bracket for attaching to the handlebars firmly and without any wobble³. Reinforced at the critical points⁴ and with an improved slide function for a better fit between the light and the bracket⁵.



Safety

StVZO-approved front light with 35 LUX and 230 lumen

Thanks to the high-performance optics, glare-free light, side visibility via a light guide, and beam range of over 80 m, users can reach the same speeds as during the day.

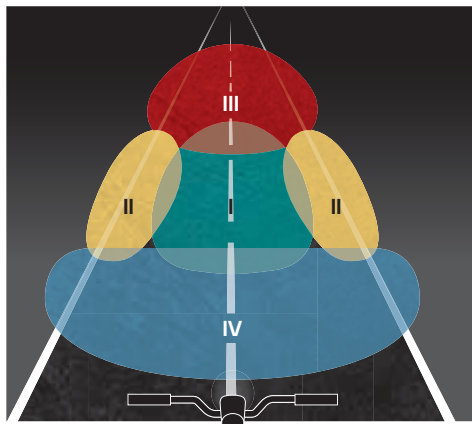


LOOP-LIGHT-SYSTEM

2 x 0.5 watt power LEDs and high performance optics in SIGMA's new LOOP LIGHT SYSTEM. Thanks to the Fresnel lens and a light diffusion of over 220° with visibility of over 400 meters, the cyclist is optimally visible.



SIGMA four-zone lighting pattern model



- I Core zone**
Optimum illumination for a safe trip
- II Side zone**
Additional safety, particularly on windy routes and at high speeds
- III Distance zone**
Necessary safety on fast routes with a clear view into the distance, especially in mountainous terrain
- IV Near zone**
Safety on slower, technically-demanding, extremely windy routes

Paths/roads

	CORE	SIDE	DISTANCE	NEAR
Roads within towns/cities	■			
Roads outside towns – flat	■	■		
Paths through fields/meadows	■	■		
Roads outside towns – undulating	■	■	■	
Forest paths	■	■	■	■

Zone

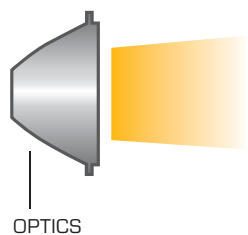
	CORE	SIDE	DISTANCE	NEAR
SPEEDSTER	■	■	■	■
LIGHTSTER	■	■		
ROADSTER	■			

LUMEN / Optics / LUX

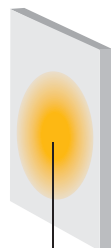


= Amount of light,
that can produce the light source
(LED), thus the light power of the LED

- The higher the lumen value, the more light is provided by the lamp
- LUX values give information about the brightness of a point in the lighting pattern
- The optics determine the distribution of the light from the LED
- The more the optics focuses the light, the greater are the LUX values
- Good optics illuminate close range, sides and distant areas equally well



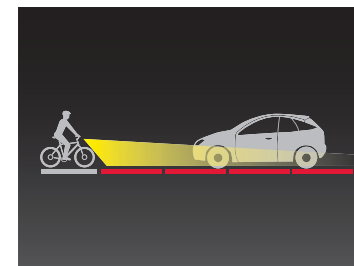
It **collects the light** from the LED
by reflection and refraction almost
without loss



= Illuminance,
indicates the intensity of the light
that arrives at a specific point on an
illuminated surface

Road Traffic

Safety through a glare-free lighting pattern



- SPEEDSTER, LIGHTSTER and ROADSTER meet the same requirements as those placed on an automobile headlight
- They ensure maximum road safety without blinding other road users
- They offer excellent visibility in the long-distance, up close and the sides
- Their lighting patterns meet a German standard, so such lights can be compared with each other very well via the specified LUX values
- Additional safety plus: SPEEDSTER, LIGHTSTER and ROADSTER impress due to their very even light distribution thanks to high performance optics

VIEWING DISTANCE

25 m

ROADSTER

FEATURES

- LED front light battery
- Extremely bright: 16 LUX
- Burn time approx. 20 h
- Two-stage battery indicator
- Tool-free, easy to change batteries (incl. 2 x AA)
- 2 modes: permanent and flashing
- Horizontally adjustable and removable bracket with slide-function
- Tool-free click mounting, suitable even for oversize handlebars
- Click switch with tactile ON/OFF response
- Watertight
- Available in the set with the CUBERIDER BLACK Ref. No. 18511
- Weight: 140 g



Ref. No. 18501
int. Version

* See the graphic on page 31



Click switch + Battery indicator

- Exposed ON/OFF switch. Easy to use even with winter gloves
- Two-stage battery indicator



UNI-FIT

- Fits all common handlebar diameters of 22-32 mm



Bracket

- Slide function for quick removal of the lamp
- Ergonomic handle for easy release



High performance optics

- For homogeneous, and anti-glare 16 LUX

16 LUX

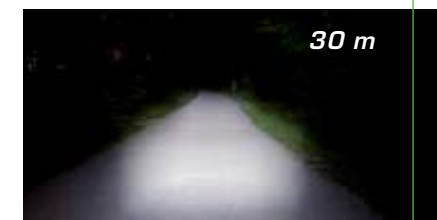
The ROADSTER stands for safe yet fun cycling on the road. This is made possible by the 16 LUX, glare-free lighting pattern with a 25 m viewing distance.

20 LUX

High-performance optics and the latest LED technology have culminated in the shapely LIGHTSTER 20 LUX. A safety feature is the wide, anti-glare lighting pattern, which provides up to 20 h of homogeneous illumination.

LIGHTSTER

VIEWING DISTANCE



FEATURES

- LED front light battery
- Super bright 20 LUX
- Burn time approx. 20 h
- Two-stage battery indicator
- Tool-free, easy to change batteries (4 x AA)
- Horizontally adjustable and removable bracket with slide-function
- Tool-free click mounting, suitable even for oversize handlebars
- Click switch with tactile ON/OFF response
- Charging socket + charge status indicator
- Watertight
- Weight: 205 g
- Batteries not included



Ref. No. 18400



11/12 2011

* See the graphic on page 31

VIEWING DISTANCE



FEATURES

- USB rechargeable LED front light
- Extremely high light output: 230 lumens
- Outstanding brightness in the center of the lighting pattern: 35 LUX
- Integrated lithium-ion rechargeable battery with integrated USB re-charging function
- 3 Modes: power-, standard- and energy-saving mode
- Burn time: 2,5 h (Power-), 4,5 h (Standard-), 9,5 h (Energy-saving mode)
- 6-stage battery/charge status indicator
- Quick release bracket with horizontal adjustment
- Tool-free click mounting, suitable even for oversize handlebars
- Click switch with tactile ON/OFF response
- Watertight
- Weight: 180 g

* See the graphic on page 31

SPEEDSTER



Ref. No. 18540

230 LUMEN 35 LUX



High-performance optics + side visibility

- For a homogeneous and glare-free lighting pattern
- Side visibility via a light guide for added safety



Bracket

- Slider function for quick removal of the light
- Ergonomic handle for easy release

THE EYE CATCHER

STAGELIGHT S

Products to touch.
Ideal for presenting the SIGMA
front and tail lights on the counter
or on shelves.

- The perfect lighting display for your sales room
- Dimensions approx.
320 x 400 x 283 mm
- Unequipped



Ref. No. 908005
Unequipped



Click switch +
Battery indicator

- Exposed ON/OFF switch. Easy to use even with winter gloves
- 6-stage battery indicator

VISIBILITY

100 m



FEATURES

- Electronic LED tail light
- 5 high performance LEDs
- 2 modes: permanent and flashing
- Two-stage battery indicator
- Extremely simple battery change (incl. 2 x AAA)
- Fast tool-free mounting
- Extremely long burn time up to 60 h
- Click switch
- Watertight
- Weight: 60 g



Ref. No. 18115
int. Version

CUBERIDER II

5 BRIGHT-LEDs

With five red high power LEDs plus the tried and tested 220° visible angle beam, you cannot be overlooked with the CUBERIDER II.



1 HIGH POWER LED

En carcasa delgada HIRO asegura un máximo de seguridad en el tránsito. Basada tan sólo en un LED rojo High Power, el faro trasero ofrece un enorme poder de iluminación, de hasta 60 hrs.

HIRO

VISIBILITY

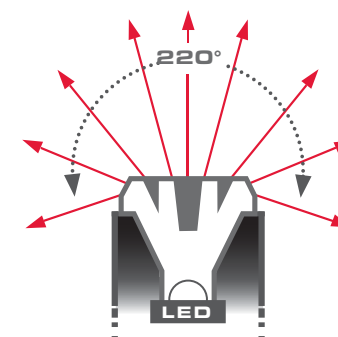


FEATURES

- Electronic LED tail light
- Super bright red 0,5 W High Power LED
- 2 modes: permanent and flashing
- Two-stage battery indicator
- Extremely simple battery change (incl. 2 x Size N batteries)
- Extremely long burn time up to 60 h
- Fast tool-free mounting
- Click switch
- Watertight
- Weight: 42 g



Ref.-No. 19110
int. Version



High performance optics

VISIBILITY

400 m

MONO RL

1 POWER LED

Visibility epitomized. The new MONO RL impresses with its ultra-bright, red 0.5 watt power LED, great conspicuousness thanks to the SIGMA LOOP-LIGHT-SYSTEM, and not least its attractive circular design.

FEATURES

- USB rechargeable LED tail light with MICRO-USB re-charging function
- Integrated lithium-ion rechargeable battery
- 0.5 W power LED
- Excellent visibility thanks to the new SIGMA LOOP-LIGHT-SYSTEM
- 2 modes: standard and flashing
- Burn time: 7 h (Standard-) and 8 h (Flashing mode)
- 2-stage battery / charge status indicator
- Adjustable, removable bracket
- Tool-free O-ring installation
- Click switch with tactile ON/OFF response
- Water resistant
- Weight: 35 g

NEW!

USB



Ref. No. 17274 int. Version

BLACK



Ref. No. 17284 int. Version

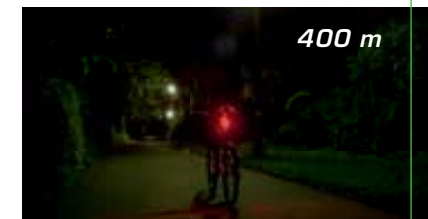
WHITE

LOOP-LIGHT-SYSTEM

This rear light was developed to offer optimum safety in heavy traffic. The integrated MICRO-USB recharging function makes it a technical marvel for when out and about.

STEREO

VISIBILITY



Stanze

FEATURES

- LED battery rear light with integrated recharging function
- Two 0,5 Watt high power LEDs
- Excellent visibility thanks to the new SIGMA LOOP-LIGHT-SYSTEM
- Burn time permanent: approx. 20 h, flashing: approx. 40 h
- 2-stage battery indicator
- Tool-free, easy to change batteries (incl. 2 x AAA RTU NiMH rechargeable batteries)
- Vertically adjustable, removable bracket with a twist-lock function
- Tool-free O-ring installation
- Click switch with tactile ON/OFF response
- Watertight
- Weight: 70 g

USB



Ref. No. 19410 int. Version



High-performance optics



Bracket



Click switch + Battery indicator

- For optimum visibility thanks to the new SIGMA LOOP-LIGHT-SYSTEM

- Twist-lock function for quick removal of the light

- ON/OFF response and easy access even with gloves
- Two-stage battery indicator

LIGHTING SYSTEMS

VISIBILITY



FEATURES

- LED battery tail light
- 0.5 W power LED + 2 ultra-bright LEDs
- 3 modes: permanent (all LEDs flashing), only 0.5 W LED permanent and only 2 LEDs flashing
- Extremely simple battery change (incl. 2 x AAA)
- Extremely long burn time up to 100 h
- Includes belt clip
- Watertight
- Weight: 70 g



Ref. No. 11813

HIGH POWER LED

Equipped with a 0.5 W power LED and supported by two other super bright 5 mm LEDs, this versatile bike tail light is perfect for being seen early. The three modes provide the appropriate safety action for every opportunity for up to 100 hours.



LIGHTING SETS

ROADSTER



ROADSTER/CUBERIDER Complete Set

Ref. No. 18511
int. Version

ROADSTER +
CUBERIDER BLACK +
2 x AA batteries +
2 x Size N batteries



LIGHTSTER



LIGHTSTER Front Light Set

Ref. No. 18410

LIGHTSTER +
4 x AA RTU Ni-MH
rechargeable batteries
1500 mAh + EU-charger
(not available with UK charger)



LIGHTSTER/CUBERIDER II Lighting Set

Ref. No. 18430
int. Version

LIGHTSTER +
CUBERIDER II +
2 x AAA batteries



LIGHTSTER/CUBERIDER II Complete Set

Ref. No. 18441
int. Version

LIGHTSTER +
CUBERIDER II +
4 x AA RTU Ni-MH
rechargeable batteries
1500 mAh + EU-charger
(not available with UK charger) +
2 x AAA batteries



SPEEDSTER



SPEEDSTER / HIRO Complete Set

Ref. No. 18555
int. Version

SPEEDSTER +
HIRO +
USB-EU-charger
(not available with UK charger) +
Micro-USB-CABLE +
2 x Size N batteries



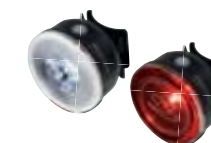
MONO



MONO FL/ MONO RL Black Set

Ref.-No. 17290
int. Version

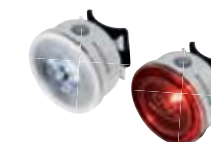
MONO FL Black +
MONO RL Black



MONO FL/ MONO RL White Set

Ref.-No. 17291
int. Version

MONO FL White +
MONO RL White



A full-page background image of a cyclist at night. The cyclist is wearing a headlight that casts a very bright, wide beam of light onto the road ahead, illuminating the path and some roadside vegetation. The cyclist is wearing a dark jersey and a headlight. The scene is dark, with the primary light source being the headlight. The text 'POWERLIGHTS' is overlaid in the center of the image.

POWERLIGHTS

SPOTLIGHTS FOR NIGHTTIME

The SIGMA POWER LIGHTS are designed for the most stringent of requirements and the most extreme of uses. Depending on the intended use and personal requirements, users can choose between the 900 lumen POWERLED EVO and the 320 lumen KARMA EVO.

The SIGMA SPORT developers achieve the broad, uniform illumination of up to 100 or 80 meters through the new special optics, which have been carefully tailored to customer needs.

Thanks to these, the POWER LIGHTS guarantee optimum long-range, close-range and lateral visibility with a consistently high illuminance far beyond the center of the lighting pattern. Whether on the handlebars, frame or jersey: No trip can be too long thanks to the strong, compact rechargeable batteries.

KARMA EVO POWERLED EVO

KARMA EVO

320
LUMENS

Small lightweight with enormous lighting power – this is the KARMA EVO. Latest LED technology for impressive 320 lumens.



Intelligent thermal management

Optimal heat dispersal via large cooling fins



Exposed ON/OFF switch

Easy to use, even with winter gloves



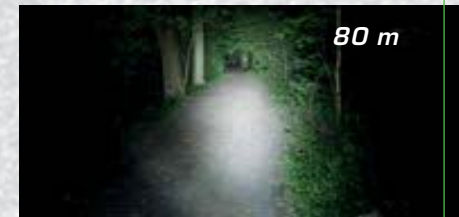
Helmet bracket set
Ref. No. 17530

Perfect uniform lighting
in the line of sight



Ref. No. 16920

VIEWING DISTANCE



Stanza

FEATURES

- State-of-the-art, single-chip LED technology
- Enormous light output up to 320 lumens
- Extra long burn time with constant brightness (**4 h**/8 h power-, **6 h**/12 h standard-, **12 h**/24 h energy-saving mode with **IION**/IION XL)
- 4 modes: energy saving, standard, power and flashing
- Multi-stage battery capacity indicator
- Extremely durable aluminum housing
- Watertight
- Tool-free click-mounting (uni-fit 22-32 mm)
- Horizontally adjustable
- Switch on protection (double click for ON)
- IION, IION XL compatible
- Low weight: 70 g
- Helmet bracket - optional

SETS

KARMA EVO PRO-Set

Ref. No. 16921
UK Ref. No. 16922

KARMA EVO + IION + Charger
+ Click-mounting

KARMA EVO PRO K-Set

Ref. No. 16924

KARMA EVO + IION + Charger +
Helmet bracket + Click-mounting

POWERLED EVO



Helmet bracket set
Ref. No. 17530

Perfect uniform lighting
in the line of sight



**Exposed
ON/OFF switch**

Easy to use, even with
winter gloves



**Intelligent thermal
management**

Optimal heat dispersal
via large cooling fins

900 LUMENS

The POWERLED EVO is the dream of all night riders with up to 900 lumens, the LED lamp guides safely through any terrain.



Ref. No. 16900

VIEWING DISTANCE



Stanze

FEATURES

- Multi-chip LED technology
- Extreme light output up to 900 lumens
- Extra long burn time with constant brightness (**3 h**/1.5 h power, **5 h**/2.5 h standard-, **11 h**/5.5 h energy-saving mode with **IION XL**/IION)
- 4 modes: energy saving, standard, power and flashing
- Extremely durable aluminium housing
- Watertight
- Multi-stage battery capacity indicator
- Tool-free click-mounting (uni-fit 22-32 mm)
- Horizontally adjustable
- Switch on protection (double click for ON)
- IION, IION XL compatible
- Low weight: 140 g
- Helmet bracket - optional

SETS

POWERLED EVO PRO Set

Ref. No. 16910

UK Ref. No. 16911

POWERLED EVO + IION XL + Charger

POWERLED EVO PRO K-Set

Ref. No. 16913

POWERLED EVO + IION XL+ Charger + Helmet bracket + Click-mounting



11/2011



02/2011



04/2011



04/2011

IICON

USB

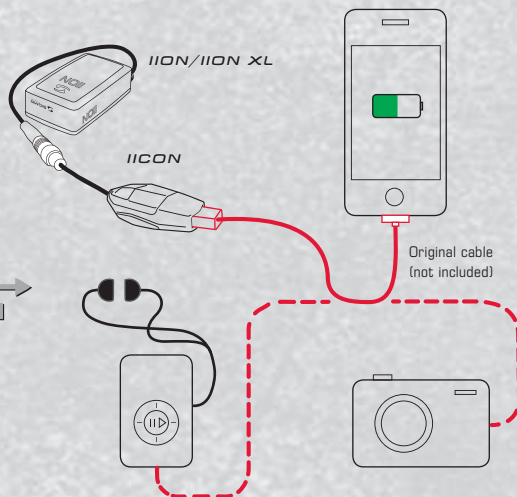


Ref. No. 17190

FEATURES

- For charging all USB-chargeable devices (5V/500 mA)
- Red control LED indicates that device is ready to use
- Simple, tool-free installation by connecting the IICON to the IION/IION XL cable
- Watertight

USB
IION/IION XL COMPATIBLE



USB CONNECT

The universal USB charging adapter IICON makes the SIGMA IION rechargeable batteries universal energy sources for all USB-chargeable devices whatever your location.



IIONXL IION



Ref. No. 17182



Ref. No. 17180



Variable fastening

Fastening of the twist lock bracket
either with Velcro tape or cable ties

Small and lightweight

8 x 4 x 2 cm, 140 g (IION)
8 x 4 x 4 cm, 210 g (IION XL)

FEATURES

- Lithium-Ion rechargeable battery
- Best energy ratio
- No self-discharge rate
- Temperature resilient
- Tool-free mounting
- Universal mounting (stem or frame)
- Watertight
- Matte finish housing
- Includes velcro tape and cable ties
- Automatic quick charger with charging display and overload protection
- Automatic detection of battery-full level
- Worldwide use due to varying voltage input

COMPATIBILITIES

FEATURES

- Number of Li-Ion cells
- Weight
- Charging time
- Dimensions

Single lights

- POWERLED BLACK
- KARMA
- POWERLED EVO
- KARMA EVO

Twin headlights (Y-cable)

- 2 x POWERLED BLACK
- 2 x KARMA
- 2 x POWERLED EVO
- 2 x KARMA EVO
- 1 x POWERLED EVO +
1 x KARMA EVO

IION

2 cells
140 g
2.5 h
8 x 4 x 2 cm

IION XL

4 cells
210 g
5 h
8 x 4 x 4 cm

SETS

IION PRO-Set

Ref. No. 17181
UK Ref. No. 17184
IION +Charger

IION XL PRO-SET

Ref. No. 17183
UK Ref.No. 17185
IION XL + Charger

VISIBILITY

200 m

FEATURES

- LED Safety Light
- 3 super bright white LEDs
- 2 modes: permanent and flashing
- Extra long burn time up to 40 h (3 x AAA)
- Click switch
- Tool-free mounting (Twist Lock)
- Uni-fit bracket 22-32 mm
- Water resistant
- Weight: 28 g
- Batteries not included

ILLUX



Ref. No. 13300

3 LEDs

With its 3 super bright LEDs, the small, lightweight ILLUX provides good light at close range and is perfect for being seen.

4 LEDs

This light is impressive! By its 4 very bright LEDs and the special shape of the lens, the stylish front headlight also attracts attention impressively from the side.



Ref. No. 13007

BLACK



Ref. No. 13011

WHITE

ELOY

VISIBILITY



Stanze

FEATURES

- LED front light
- 4 super bright white LEDs
- Extremely long burn time up to 100 h
- 2 modes: permanent and flashing
- CLICK&GO bracket for all common handlebar diameters (22-32 mm)
- Side visibility through special shape of lens
- Tool-free battery change (3 x AA)
- Water resistant
- Lightweight 140 g
- Batteries not included
- Available as set with the CUBERIDER as ELOY BLACK COMBO **Ref. No. 13008** or ELOY WHITE COMBO **Ref. No. 13012**



VISIBILITY

400 m

MONO FL

1 POWER LED

Visibility epitomized. The new MONO FL impresses with its ultra-bright 0.5 watt power LED as well as its attractive circular design.

FEATURES

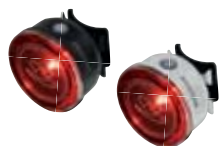
- USB rechargeable LED front light with MICRO-USB re-charging function
- Integrated lithium-ion rechargeable battery
- 0.5 W power LED
- 2 modes: standard and flashing
- Burn time: 5 h (Standard-) and 8 h (Flashing mode)
- 2-stage battery / charge status indicator
- Adjustable, removable bracket
- Tool-free O-ring installation
- Click switch with tactile ON/OFF response
- Water resistant
- Weight: 32 g
- Available as set with MONO RL

Ref. No. 17290

MONO FL/RL BLACK SET

Ref. No. 17291

MONO FL/RL WHITE SET



Ref. No. 17272

BLACK



Ref. No. 17282

WHITE



1 POWER LED

The ideal light for short rides by modern city dwellers: an attractive, easy-to-mount design that offers excellent visibility at all times thanks to the ultra-bright white 0.5 watt power LED.

SIGGI

VISIBILITY



Stanze

FEATURES

- USB rechargeable LED front light with MICRO-USB re-charging function
- Integrated lithium-ion rechargeable battery
- 0.5 W power LED
- 3 modes: power, standard and flashing
- Burn time: 5 h (Power-), 9 h (Standard-), 8 h (Flashing mode)
- 2-stage battery / charge status indicator
- Side visibility
- Tool-free installation with integrated silicone strap
- Click switch mit tactile ON/OFF response
- Water resistant
- Weight: 40 g

NEW!

USB



Ref. No. 17280

BLACK

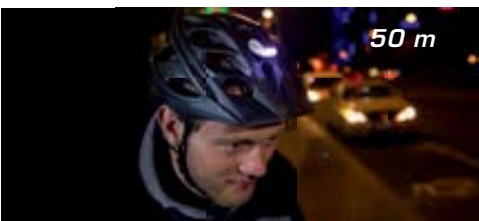


Ref. No. 17281

RED

LIGHTING SYSTEMS

VISIBILITY



50 m

FEATURES

- Universal LED safety light - red and white
- Extra bright and improved side visibility
- 2 modes: permanent and flashing
- 2 flexible velcro straps in different lengths + uni-fit strap for variable mounting
- Tool-free battery change (2 x CR 2032 incl.)
- Handy click switch
- Water resistant
- Lightweight 20 g
- Available in 6 colors
- Available as set MICRO COMBO,

Ref. No.17243

(RED/LED-Red + WHITE/LED-White)

MICRO



Ref. No. 17237

WHITE /LED-White

Ref. No. 17231

RED /LED-Red



SILVER

SILVER/LED-Red Ref. No. 17234

SILVER/LED-White Ref. No. 17240



BLACK

BLACK/LED-Red Ref. No. 17235

BLACK/LED-White Ref. No. 17241



BLUE

BLUE/LED-Red Ref. No. 17232

BLUE/LED-White Ref. No. 17238



GREEN

GREEN/LED-Red Ref. No. 17233

GREEN/LED-White Ref. No. 17239



SAFETY *PLUS*

The colorful SIGMA MICROs are practical, useful, and let you be seen everywhere. The application possibilities of the attractive LED lights are diverse in everyday life and sport.

OTHER USES



Arm



Backpack



School satchel



Collar



Walker



Stroller



Flexible Velcro straps and uni-fit straps

For universal use and
a variable mounting

5 LEDs

The lightweight SIGMA headlight, equipped with five ultra bright LEDs, is suitable for all kinds of usage. Its illumination power, with two light modes, is extremely high, despite its small, compact construction.



HEADLIGHT DISPLAY STAND

Ref. No. 10110
Unequipped

Ideal for product presentation

- Dimensions:
90 x 270 x 110 mm
- SIGMA printed logo

HEADLED

VIEWING DISTANCE



Stanze

FEATURES

- 5 super bright white LEDs
- Extremely lightweight (37g without batteries)
- Long burn time (up to 60 h)
- Up to 15 m viewing distance
- Standard, energy-saving mode and flashing
- Tool-free battery change (3 x AAA incl.)
- Water resistant
- Weight: 75 g

Ref. No. 17050



Rugged Housing

With rubber-touch surface



Adjustable Lighting Angle

Ideal for all sports offering optimum light output and uniform lighting



Elastic Head Strap










Easy to remove from the housing, hand washable



Click Switch

Easy ON/OFF, even when wearing gloves

FUNCTION OVERVIEW

	 ROADSTER	 LIGHTSTER	 SPEEDSTER	 CUBERIDER	 CUBERIDER II	 HIRO	 MONO RL	 STEREO	 TAIL BLAZER
Lighting type	1 High Power LED	1 High Power LED	1 High Power LED	4 LEDs	5 LEDs	1 x 0,5 W High Power LED	1 x 0,5 W Power LED	2 x 0,5 W High Power LED	1 x 0,5 W Power LED + 2 LEDs
Burn time*	Up to 20 h	Up to 20 h	Up to 9,5 h	Up to 40 h	Up to 60 h	Up to 60 h	Up to 8 h	Up to 20 h	Up to 100 h
Effectiveness [LUX]	16 LUX	20 LUX	35 LUX						
Light output [lumen]			230 LUMENS						
Battery	Incl. 2 x AA	4 x AA	Integrated lithium-ion rechargeable battery	2 x SIZE N	Incl. 2 x AAA	2 x SIZE N	Integrated lithium-ion rechargeable battery	Incl. 2 x AAA RTU-Akkus	Incl. 2 x AAA
Water resistant	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Watertight	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tool-free battery change	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tool-free installation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Horizontally adjustable bracket	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Uni-fit 22-32 mm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Integrated charge function		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	



								
HARMA EVO	POWERLED EVO	ILLUX	ELOY	MONO FL	SIGGI	MICRO	HEADLED	
Single-Chip-LED	Multi-Chip-LED	3 LEDs	4 LEDs	1 x 0,5 W Power LED	1 x 0,5 W Power LED	1 LED	5 LEDs	Lighting type
Up to 24 h	Up to 11 h	Up to 40 h	Up to 100 h	Up to 8 h	Up to 9 h	Up to 50 h	Up to 60 h	Burn time*
							3 LUX	Effectiveness (LUX)
320 LUMEN	900 LUMEN							Light output (lumen)
110N / 110N XL	110N / 110N XL	3 x AAA	3 x AA	Integrated lithium-ion rechargeable battery	Integrated lithium-ion rechargeable battery	Incl. 2 x CR 2032	Incl. 3 x AAA	Battery
								Water resistant
								Watertight
extern	extern							Tool-free battery change
								Tool-free installation
								Horizontally adjustable bracket
								Uni-fit 22-32 mm
								Integrated charge function

*Depending on the batteries

BATTERIES

IION / IION XL

00451

RTU POWER PACKET

- For CUBELIGHT/CUBELIGHT II/SUPRALED
- RTU Ni-MH rechargeable battery
1500 mAh
- Type AA, 5 pcs. pack



00453

RTU POWER PACKET

- For CUBELIGHT/CUBELIGHT II/SUPRALED
- RTU Ni-MH rechargeable battery
2100 mAh
- Type AA, 5 pcs. pack



00450

RTU POWER PACKET

- For LIGHTSTER/SMILUX/PAVA
- RTU Ni-MH rechargeable battery
1500 mAh
- Type AA, 4 pcs. pack



00452

RTU POWER PACKET

- For LIGHTSTER/SMILUX/PAVA
- RTU Ni-MH rechargeable battery
2100 mAh
- Type AA, 4 pcs. pack



00456

RTU POWER PACKET

- For STEREO
- RTU Ni-MH rechargeable battery
800 mAh
- Type AAA, 2 pcs. pack



00455

POWER PACKET

- For ROADSTER
- Alkaline batteries type AA, 2 pcs. pack



00454

POWER PACKET

- For ELOY
- Alkaline batteries type AA, 3 pcs. pack



00361

POWER PACKET

- For CUBERIDER II/KALMIT (2x2)/
SILED XTREME (2x2)
- Alkaline battery type AAA, 2 pcs. pack



00353

POWER PACKET

- For HEADLED/QUADRO X/QUADRO/
ILLUX
- Alkaline battery type AAA, 3 pcs. pack



10341

POWER PACKET

- For CUBERIDER/PAXI/HIRO
- Alkaline battery type LR1, 2 pcs. pack



10340

POWER PACKET

- Alkaline battery type LR1, 10 pcs. pack



00349

POWER PACKET

- For MICRO, 10 pcs. CR 2032



00342

POWER PACKET

- For MICRO, single CR 2032



17180

IION

- For KARMA EVO/
POWERLED EVO/
- Li-Ion rechargeable battery



17181

IION PRO-SET

- IION + IION charger
- IION bracket



17182

IION XL

- For KARMA EVO/
POWERLED EVO/
- Li-Ion rechargeable battery



17183

IION XL PRO-SET

- IION XL +
IION charger
- IION bracket



17420

IION/IION XL CHARGER

- Charger for IION/IION XL Li-Ion battery
- Charging time approx. 2.5 h/5 h



00344**CHARGER**

- For direct connection of the PAVA/SMILUX

**18444****CHARGER**

- For direct connection of the LIGHTSTER

**18552****CHARGER + MICRO-USB CHARGING CABLE**

- For direct connection of the SPEEDSTER / STEREO / MONO FL / MONO RL / SIGGI

**18553****MICRO-USB CHARGING CABLE**

- For direct connection of the SPEEDSTER / STEREO / MONO FL / MONO RL / SIGGI

**17530****HELMET BRACKET SET**

- For POWERLED EVO/ KARMA EVO
- Incl. extension cable IION

**17531****HELMET BRACKET SET**

- For POWERLED EVO/ KARMA EVO/ QUADRO X/QUADRO
- Without extension cable IION

**17520****MOUNTING**

- For POWERLED EVO/ KARMA EVO/KARMA/ QUADRO X/QUADRO

**00135****MOUNTING**

- For CUBERIDER II

**00132****MOUNTING**

- For CUBERIDER
- Incl. 2 mounting O-rings

**00137****MOUNTING**

- For HIRO

**00142****MOUNTING**

- For STEREO

**00136****MOUNTING**

- For SMILUX/ CUBELIGHT II
- Ø 22-32 mm

**00138****MOUNTING**

- For SPEEDSTER / LIGHTSTER / ROADSTER
- Ø 22-32 mm

**00141****MOUNTING**

- For PAVA
- Ø 22-32 mm

**17430****IION / IION XL MOUNTING**

- For IION/IION XL
- Twist-Lock incl. Velcro strap + mounting parts
- Additional mounting bracket e.g. for 2nd bike

**10346****HS3 SPARE BULB**

- For CUBELIGHT + II/VARIO
- 2,4 W/6 V

**17440****IION / IION XL Y-CABLE**

- Y-cable for fitting twin headlights POWERLED BLACK/KARMA/ POWERLED EVO/KARMA EVO



A photograph of two men in a workshop setting. The man on the left, with long hair and glasses, wears a red and blue plaid shirt and a yellow watch. The man on the right, with short brown hair, wears a black polo shirt with 'SIGMA' logos and a black watch. They are seated at a light-colored wooden table. On the table are several items: a yellow and black digital watch, a yellow strap, a black strap, and a white card with three circular diagrams. In the background, a whiteboard displays a technical line drawing of a watch case. A red banner is overlaid at the bottom left.

SPORT *WATCHES*

DESIGN

Developing a sports watch poses a special kind of challenge. Firstly, there are the functions, which determine the type of watch. Whether a beginners' watch with just a few functions that focus on managing the heart rate or a watch for professionals who not only want to use the basic functions but also to record individual laps or have a constant overview of their speed and distance: the data must be clearly and accurately displayed and the watch must be easy to use.

But what use would the functions be without a good design? What would happen if watches were uncomfortable and people did not like wearing them on their wrist? We at SIGMA SPORT want you to enjoy wearing our watches so much that you even forget to take them off again. We not only use fresh, contemporary colors to make them look great and offer matching accessories, but also provide special fits for men and women and soft materials such as silicon so that everyone can find the right training watch for them.



RC 14.11



PC 22.13 WOMAN/MAN



SC 6.12

FEATURES

- Stopwatch
- Display to the nearest hundredth of a second
- Memory for 7 training sessions
- Lap counter (99 laps)
- BestLap indicator
- Easy LapView
- Backlit display
- Large, easy-to-read display
- Alarm clock function
- Water resistant

SC 6.12



Ref. No. 26120

STOPWATCH

Whether a sportsperson or a trainer: time matters. With the stopwatch, you can view the time with just a click. The SC 6.12 records the time to the nearest hundredth of a second for up to 99 laps and has a sporty design that looks great on any handlebars.

Display to the nearest hundredth of a second



The display to the nearest hundredth of a second for up to seven training sessions makes it possible to precisely compare performance and people

SL

Bestlap indicator/ Easy LapView



Whether evaluating data or still training, this function gives you an immediate picture of how the training is going and which of the completed laps is the best

Backlit display



The display enables sportspeople to train at any time of year or day while still having an optimal view of everything at a glance

5 COLORS

Put on the watch, press a single button and you're ready to go. The PC 3.11 is the ideal entry level heart rate monitor for those looking to begin heart rate based training – whether in the gym, walking or jogging. The PC 3.11 can also be used as a stopwatch when the chest belt is not worn.



Ref. No. 23111

PINK



Ref. No. 23112

GREEN



Ref. No. 23113

ORANGE



Ref. No. 23114

BLUE



PC 3.11

FEATURES

- ECG-accurate
- Top button
- Clear display
- Stopwatch with time to the nearest tenth of a second
- Clock
- Stopwatch feature without wearing the chest belt
- Watertight



Ref. No. 23110

BLACK



Top Button



Clear display

- Easy operation using the top button

- Large digits on both lines

CALORIE COUNTER

The PC 10.11 features a streamlined design, large display and three operating buttons. Complete with a calorie counter, programmable target zone and zone alarm, this easy-to-use heart rate monitor will turn heads in the gym and enable heart-rate-based fitness training.

Calorie counter



Calorie burned displayed during training

Training time/
target zone



Percentage of time spent within the training zone

Zone indicator



Ensure that you are always training within the right heart rate zone



PC 10.11

FEATURES

- ECG-accurate
- Automated function for calculating the target zones
- Average heart rate
- Calorie counter
- Training time and percentage of time within the designated target zone
- Training mode with 1 programmable zone
- Zone indicator
- Zone alarm
- Battery status display
- Full text display with 5 available languages
- Watertight



Ref. No. 21010

GRAY



Ref. No. 21011

PURPLE



Ref. No. 21012

BLUE

FEATURES

- ECG-accurate
- Current, average and maximum heart rate
- Lap counter (50 laps)
- Easy LapView
- Automated function for calculating the target zones
- Zone bar showing the current heart rate as a percentage of the HRmax
- Training time and percentage of time within the designated target zone
- Calorie counter
- Training mode with 1 programmable zone
- Audible and visual zone alarm
- Backlight
- Battery status display
- Battery compartment
- Full text display with 5 available languages
- Watertight

PC 15.11



Ref. No. 21510

GRAY



Ref. No. 21511

YELLOW



Ref. No. 21512

GREEN



Ref. No. 21513

BLUE



LAP COUNTER

The multifunctional PC 15.11 has all the essentials and counts not only calories but also the completed laps. Intervals can be viewed throughout training with the press of a button.

Easy LapView



Quickly and easily view the lap times, even while training

Training time/ target zone



Percentage of time spent within the zone

Zone bar



Graphical display of the selected zone with % display of the HRmax

Calorie counter



Calories burned displayed during training

PC

Ergonomics/fit



The fit and ergonomics have been fully tailored to women's narrower wrists

Calorie counter



Even keep an eye on the calories burned while training

Target zone



Always know whether you are in your target zone

DIGITALLY CODED

Whether in the gym or on a group run, SIGMA's independently developed STS transmission system ensures that your heart rate is reliably transmitted.

PC 22.13 WOMAN/MAN

FEATURES

- Digital coded transmission **STS**
- ECG-accurate
- Easy to read display with large figures and pictograms
- Automated function for calculating the target zone
- One target zone
- Calorie Counter
- Backlight
- Button lock
- Water resistant



Ref. No. 22131

PINK



Ref. No. 22133

GREEN



Ref. No. 22130

GRAY



Ref. No. 22132

GRAY

FEATURES

- 4 heart rate functions (ECG-accurate)
- Digitally coded wireless transmission
- 6 time functions incl. countdown and alarm
- Training mode with 1 programmable HR zone
- Calorie counter
- Total values per week, month, since reset
- Memory for 1 training session
- Intuitive menu navigation
- ON/OFF battery compartment door
- Storage of pre-set values in case of battery change
- Backlight
- Personalization by "My Name" function
- 5 languages
- Stopwatch
- Watertight

PC 25.10



Ref. No. 28301

GRAY



Ref. No. 28302

YELLOW

Stiftung
Warentest

test



GUT (2,1)

Im Test:
15 Pulsmess-
geräte mit
Brustgurt
11 gut
Ausgabe 4/2011

DIGITALLY CODED

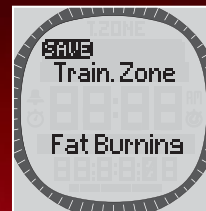
Easy to use and equipped with all basic functions, the ECG-accurate and coded heart rate monitor is suited for every recreational sportsperson who likes to train well and effectively.

Training zone



The zone graphics show whether you are training in the desired range

Training mode with 1 programmable HR zone



Two pre-programmed training zones and one individually set zone

Memory menu



Memory for 1 training session

Training LOG



Total value memory for a longterm training monitoring over weeks, months and a freely selected period



RUNNING COMPUTERS

RC 1209 RC 14.11

ENDURANCE SPECIALIST

We have developed the RC 1209 and the RC 14.11 for all runners who need their equipment to meet professional demands. These two running watches give ambitious amateur runners and professionals all the data they need for their training.

Heart rate, distance, and speed are all parameters that the runners can view on our watches at any time.

The comfortable R3 COMFORTX+ chest belt measures all three values without any additional accessories. The RC 14.11 also comes with a docking station and the SIGMA own DATA CENTER software. A 99-lap counter and 90-hour LOG capacity make our top model an endurance specialist.

R3 COMFORTEX+

SOFT CLOTH CHEST BELT WITH LAMINATED ELECTRODES
FOR RC 1209 AND RC 14.11



Ref. No. 20321



Contact areas



R3 transmitter – all in one

One transmitter for measuring distance, speed and heart rate. Equipped with a 3-axis acceleration sensor for maximum accuracy. Just clip on to the chest belt. Ready.



The ECG accurate, digitally encoded chest belt with its completely textile composition ensures that it feels comfortable and fits perfectly. By the use of laminated electrodes, a slight humidification is adequate for a reliable heart rate measurement.



Distance

Know how many kilometers you have covered wherever you are. While running in unknown terrain or unmarked paths one receives information about the covered distance.



Speed

Always be on your way with the right speed. In addition to heart rate, another indicator for strain measurement.



Heart rate

A control parameter for effort. Together with speed, a reliable partner for training progress:
e.g. lower heart rate at an unchanged speed = better performance.

R

SPEED AND DISTANCE

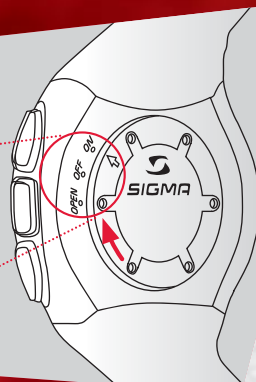
Trip distance, speed and heart rate values are important parameters for a runner. With the R3 Comfortex+ chest belt, SIGMA SPORT® enables the measuring of these three values in one device and without additional accessories.

Battery life

- In delivery mode the battery compartment door is on OFF. To activate the clock, the door should be turned to ON position.
- 100 % full battery capacity
- No power consumption during storage and therefore independent of transit times

RC 1209

100%



Ref. No. 25102

BLACK

DIGICODE

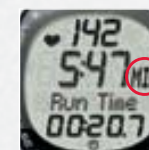


Ref. No. 25101

RED

FEATURES

- ECG-accurate
- Digitally coded wireless transmission **STS RUN**
- Current, average and maximum heart rate
- Current, average and maximum speed
- Speed measurement possible in min/km (min/mile) or km/h (mph)
- Distance in km
- ON/OFF battery compartment
- Training mode with 1 programmable HR zone
- Automated function for calculating the target zones
- Calorie counter
- Backlight
- Storage of pre-set values during battery change
- Full text display with 5 available languages
- Watertight



Speed or Pace View

Speed measurement possible in min/km and km/h



Im Test:
15 Pulsmess-
geräte mit
Brustgurt
11 gut
Ausgabe 4/2011



soq.de 11/2010

01/2011

PC/MAC ANALYSIS

Ambitious runners can store up to 99 laps with the RC 14.11. The individual training laps can be evaluated using the Easy LapView function on the watch or, thanks to the 90 h LOG capacity, on the PC.



Ref. No. 20232



Docking Station Watch

Specially developed for SIGMA sports watches, the docking station allows quick and interference-free data transmission via USB

Easy LapView Function

In addition to the intervals, the following values are also stored:

- Lap time
- Lap distance
- Average speed/pace
- Max. speed/pace
- Time since start
- Distance since start
- Average heart rate
- Max heart rate
- Calories



RC 14.11



Ref. No. 21410

GRAY



Ref. No. 21411

YELLOW



FEATURES

- ECG-accurate
- Digitally coded wireless transmission **STS RUN**
- Current, average and maximum heart rate
- Current, average and maximum speed
- Distance in km
- Current and average speed comparison
- Lap counter (99 laps)
- Automated function for calculating the target zones
- Training mode with 1 programmable HR zone
- Calorie counter
- Audible and visual zone alarm
- Includes docking station watch and SIGMA DATA CENTER software
- PC interface
- ON/OFF battery compartment
- Low battery indicator (watch and transmitter)
- Backlight
- Full text display with 5 available languages
- Watertight

90 h LOG capacity

- Up to 90 h LOG capacity depending on the selected interval: 5, 10, 20 or 30 sec.
- Remaining LOG time displayed

Speed display

- Always know how fast and how far you are running
- Easy to switch between pace/speed, distance and stopwatch



04/2012



04/2012



soq.de 03/2012

SIGMA

DATA CENTER 3

FUN TRAINING ANALYSIS

The SIGMA DATA Center 3 is the logical further development of the successful software for evaluating training data and statistics from SIGMA BIKE computers and sports watches. The enhanced version now comes with a dashboard, which makes it clearer and simpler to operate, and displays the training sessions irrespective of the device.



DATA



Dashboard

Overview of training sessions on the new, clearly structured dashboard. Filter function for displaying a selection of training sessions. A separate info box below the calendar displays the cumulative totals for the distance and time per week or month.

List



Filter

TRAINING



Clear portrayal of all training data sorted by several criteria. Enter further information about a training session: weather, wind, participants with reselection function, route profile, training type, 5-star evaluation, www-hyperlink. Comparison of two training sessions.



training session 1

training session 2

STATISTICS



Multi-device statistics that give users a complete overview of all training sessions. Several display options and filters that can be selected at the push of a button and display each training type in detail. Users can switch straight from the statistics to the detailed view of the individual training sessions.

INTENSITY ZONE DISTRIBUTION



In addition to the target zone there are also intensity zones. These reflect the intensity of a training session irrespective of the set time zone.

SHOW TRAINING IN GRAPH FORM



Detailed analysis of the training session through the use of a graph displaying the speed and heart rate. Freely selectable sections of the recorded training session with corresponding calculation for total, average and min/max values. All laps can be shown on the graph by means of a lap marker (L).

EVALUATION OF SUBAREAS



Optimization of the heart rate distribution view on all devices with a LOG function. In addition to obtaining a holistic view and evaluation, it is also possible to select subareas for detailed analysis. Calculated statistics such as the time in the target zone are automatically updated.





SIGMA **R1** BLUE

*textile chest belt for
ECG-accurate heart rate measurement
for **SPORT APPs***



R1 BLUE COMFORTEX+

FEATURES

- **Compatible iOS devices:**
iPhone (from 4S), iPod touch (from 5th generation), iPad (from 3rd generation), iPad mini and iPod Nano (from 7th generation), as at May 2013
- **Compatible Android devices:**
All devices with Bluetooth® SMART READY technology and Android OS 4.3
- Transmits the following up-to-date values to devices with Bluetooth® SMART READY technology*:
 - ECG-accurate heart rate
 - RR intervals in milliseconds for determining the heart rate variability
 - Battery status
- Battery life over 1.3 years**
- Battery compartment door
- Waterproof to 3 ATM
- Ultra-light, comfortable, well-fitting textile chest belt
- Laminated electrodes for better skin contact
- The textile chest belt can be washed on a hand wash cycle and in a wash bag at up to 30°C



Ref. No. 20328



* A 'Bluetooth® SMART READY' logo and/or an indication of an embedded Bluetooth® 4.0 module are required to communicate with Bluetooth® SMART devices. The operating system must also support Bluetooth® SMART READY technology. The latest Apple iOS, Mac OS, Windows 8, and Android 4.3 systems support Bluetooth® 4.0 technology. The latest Windows Phone 8 versions do not. As the operating systems undergo continual development, all technical details are subject to change. To use all the information provided by the R1 BLUE, this has to be supported by the application (e.g. a sports app). As development is continually ongoing, all details are subject to change. A list of devices that currently support Bluetooth® SMART READY technology can be found on the following website: www.bluetooth.com (as at May 2013).

** With a one second transmission interval (default setting) and one hour of use per day.

SUPPORT



UFSB

Ref. No. 00104

- Compatible with all bike computer models from TOPLINE 2006, 2009 and 2012 (wired and wireless), all ROX models with the exception of the ROX 10.0 GPS, heart rate monitors, and running watches (ONYX series, PC 25.10, PC 22.13, and RC)
- Programming in seconds
- Simulate training without a chest belt
- Quick, simple and effective, upgradeable with PC (compatible with new HRMs)



WATCH DISPLAY STAND

Ideal for Product Display within Cases

Ref. No. 20214

Unequipped

- Dimensions: 100 x 100 x 75 mm
- Includes right-hand bracket for the product description (available for all products)
- SIGMA printed logo

INSERT RUNNING COMPUTERS AND STOPWATCHES

FOR WATCH DISPLAY STAND

Ideal for Running Computer and Stopwatch display

Running Computer: Ref. No. 905315

Unequipped

Stopwatch: Ref. No. 905323

Unequipped



COUNTER DISPLAY

The interactive Counter Top Display for your Shop

Ref. No. 907090

Unequipped

With the practical HRM display you can achieve the customers attention very easily. The customer has the possibility to gain personal impression about function, usage and performance.

- Includes brochure holder
- Replaceable graphic element
- Dimensions: 258 x 420 x 120 mm



20303

CHEST BELT ANALOG

- Analog
- Transmitter incl. elastic strap



20311

**ELASTIC BELT FOR ALL
CURRENT TRANSMITTERS**

- Single elastic strap



20310

CHEST BELT ONYX

- Digitally coded
- Transmitter incl. elastic belt



20315

ELASTIC BELT FOR CHEST BELT STS

- Single elastic strap
- Compatible with chest belt STS (20330)



20319

CHEST BELT PC 25.10

- Digitally coded
- Transmitter incl. elastic belt



20318

**ELASTIC STRAP COMFORTEX+
TEXTILE CHEST BELT**

- Single COMFORTEX+ (without transmitter)
- Compatible only with R3 and R1 transmitter



20320

R3 TRANSMITTER

- Single R3 transmitter
- For HR, speed and distance
- Only for running computers



20330

CHEST BELT STS

- Digitally coded
- Transmitter incl. elastic strap
- Compatible with PC 22.13



20321

R3 COMFORTEX+

- Textile chest belt incl. R3 transmitter
- Hip Clip



20322

DOCKING STATION WATCH

- Data transfer via USB
- Only for RC 14.11



20304

STEM MOUNT BRACKET

- Suitable for all common handlebar diameters
- Suitable for all heart rate monitors and running watches (except PC 3.11)



00342

BATTERY FOR PC

- CR 2032
- Suitable for all heart rate monitors from 2003 and chest belts



20316

BATTERY FOR R3 TRANSMITTER

- CR 2450
- Suitable only for R3 transmitter



00349

POWER PACKET

- Suitable for all heart rate monitors from 2003 and chest belts
- 10 pcs. CR 2032



00104

UFSB

- Training simulator
- Compatible with all bike computer models from TOPLINE 2006, 2009 and 2012 (wired and wireless), all ROX models with the exception of the ROX 10.0 GPS, heart rate monitors, and running watches (ONYX series, PC 25.10, PC 22.13, and RC)
- Software update available free of charge at: www.ufsb.sigmasport.com



20328

R1 BLUE COMFORTEX+

- Textile chest belt incl. R1 BLUE transmitter



20329

R1 BLUE TRANSMITTER

- Single R1 BLUE transmitter

FEATURES

- Dimensions: 9.5 x 3.8 x 3.8 cm
- Weight: 200 g / 260 g
- Tire levers, 2 pcs.
- Spoke wrench – 3 nipple sizes
- 2/2,5/3/4/5/6/8 mm hex key
- 8/10/15 mm box wrench
- 2 screwdrivers – Phillips and flat head
- Possible to vertically divide into two by pressing one button
- Housing and grips are made of shock and dirt resistant materials

Additional with PT 16

- Chain retainer
- Chain rivet tool



PT 14
Ref. No. 61001



PT 16
Ref. No. 62001

PT 14/PT 16

POCKET TOOLS

SIGMA ONLINE

www.sigmatasport.com



Website

www.sigmatasport.com



DATA CENTER Shop

www.sigma-data-center.com

MICROSITES

www.sigma-topline2012.com

www.sigma-rox.com

www.sigma-evo-lights.com

www.sigma-run.com



Microsite TOPLINE 2012

A specially designated website for the Topline range from SIGMA SPORT® with videos, flash animations, and everything you need to know about the products.



Microsite ROX



Microsite RUNNING COMPUTERS



Microsite POWER LIGHTS

www.sigmasport.com

BIKE COMPUTERS / LIGHTING SYSTEMS / SPORT WATCHES



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